

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: **David J. Ecker, Richard H. Griffey, Rangarajan Sampath, Steven A. Hofstadler, John McNeil, Stanley T. Crooke, Lawrence B. Blyn, Yun Jiang, James C. Hannis, Neill White, Samant Vivek, Mark W. Eshoo, and Jared J. Drader**

Group Art Unit: **Not Yet Assigned**Examiner: **Not Yet Assigned**

Title: **METHODS FOR RAPID FORENSIC ANALYSIS OF MITOCHONDRIAL DNA AND CHARACTERIZATION OF MITOCHONDRIAL DNA HETEROPLASMY**

**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a

☒ Utility Patent      ☐ Design Patent

is sought on the invention, whose title appears above, the specification of which:

☒ is attached hereto.  
☐ was filed on \_\_\_\_\_ as Serial No. \_\_\_\_\_.  
☐ said application having been amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a-d) of any **foreign application(s)** for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of any application on which priority is claimed:

Priority Claimed (If X'd)	Country	Serial Number	Date Filed
---------------------------------	---------	---------------	------------



---



I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Date Filed	Patented/Pending/Abandoned
<u>10/323,438</u>	<u>December 18, 2002</u>	<u>Pending</u>
<u>09/798,007</u>	<u>March 2, 2001</u>	<u>Pending</u>

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

Serial Number	Date Filed
<u>60/431,319</u>	<u>December 6, 2002</u>

I hereby appoint:

☒ Practitioners at Customer Number: **34138**

PLACE CUSTOMER NUMBER BAR  
CODE LABEL HERE

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Address all telephone calls and correspondence to:

Paul K. Legaard  
**COZEN O'CONNOR**  
1900 Market Street  
Philadelphia PA 19103  
Telephone No.: (215) 665-2000  
Facsimile No.: (215) 665-2013

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>Name:</b> David J. Ecker	<hr/> <b>Signature</b>  <b>Date of Signature:</b> _____  <b>Citizenship:</b> <u>United States of America</u>
<b>Mailing Address:</b> 1041 Saxony Road Encinitas, California 92024	
<b>City/State of Actual Residence:</b> Encinitas, California	

<b>Name:</b> Richard H. Griffey	<hr/> <b>Signature</b>  <b>Date of Signature:</b> _____  <b>Citizenship:</b> <u>United States of America</u>
<b>Mailing Address:</b> 360 Barsby Street Vista, California 92084	
<b>City/State of Actual Residence:</b> Vista, California	

<b>Name:</b> Rangarajan Sampath	<hr/> <b>Signature</b>  <b>Date of Signature:</b> _____  <b>Citizenship:</b> <u>India</u>
<b>Mailing Address:</b> 12223 Mannix Road San Diego, California 92129	
<b>City/State of Actual Residence:</b> San Diego, California	

<b>Name:</b> Steven A. Hofstadler	<hr/> <b>Signature</b>  <b>Date of Signature:</b> _____ <b>Citizenship:</b> <u>United States of America</u>
<b>Mailing Address:</b> 5014 Viewridge Way Oceanside, California 92056	
<b>City/State of Actual Residence:</b> Oceanside, California	

<b>Name:</b> John McNeil	<hr/> <b>Signature</b>  <b>Date of Signature:</b> _____ <b>Citizenship:</b> <u>United States of America</u>
<b>Mailing Address:</b> 427 Retaheim Way La Jolla, California 92037	
<b>City/State of Actual Residence:</b> La Jolla, California	

<b>Name:</b> Stanley T. Crooke	<hr/> <b>Signature</b>  <b>Date of Signature:</b> _____ <b>Citizenship:</b> <u>United States of America</u>
<b>Mailing Address:</b> 3211 Piragua Street Carlsbad, California 92009	
<b>City/State of Actual Residence:</b> Carlsbad, California	

<b>Name:</b> Lawrence B. Blyn	<hr/> <b>Signature</b>  <b>Date of Signature:</b> _____ <b>Citizenship:</b> <u>United States of America</u>
<b>Mailing Address:</b> 27892 Perales Mission Viejo, California 92692	
<b>City/State of Actual Residence:</b> Mission Viejo, California	

<b>Name:</b> Thomas A. Hall	<hr/> <b>Signature</b>  <b>Date of Signature:</b> _____  <b>Citizenship:</b>
<b>Mailing Address:</b> 5239 Wohlford Street Oceanside, California 92056	
<b>City/State of Actual Residence:</b> Oceanside, California	

<b>Name:</b> Yun Jiang	<hr/> <b>Signature</b>  <b>Date of Signature:</b> _____  <b>Citizenship:</b>
<b>Mailing Address:</b> 6574 Robinea Drive Carlsbad, California 92009	
<b>City/State of Actual Residence:</b> Carlsbad, California	

<b>Name:</b> James C. Hannis	<hr/> <b>Signature</b>  <b>Date of Signature:</b> _____  <b>Citizenship:</b>
<b>Mailing Address:</b> 983 El Pajodo Place Vista, California 92084	
<b>City/State of Actual Residence:</b> Vista, California	

<b>Name:</b> Neill White	<hr/> <b>Signature</b>  <b>Date of Signature:</b> _____  <b>Citizenship:</b> <u>United States of America</u>
<b>Mailing Address:</b> 121 Athena St. Encinitas, California 92024	
<b>City/State of Actual Residence:</b> Encinitas, California	

<b>Name:</b> Vivek Samant	<hr/> <b>Signature</b>  <b>Date of Signature:</b> _____  <b>Citizenship:</b> <u>United States of America</u>
<b>Mailing Address:</b> 2117 Brigantine Ct, Encinitas, California 92024	
<b>City/State of Actual Residence:</b> Encinitas, California	

<b>Name:</b> Mark W. Eshoo	<hr/> <b>Signature</b>  <b>Date of Signature:</b> _____  <b>Citizenship:</b> <u>United States of America</u>
<b>Mailing Address:</b> 615 Glenmont Dr. Solana Beach, California 92075	
<b>City/State of Actual Residence:</b> Solana Beach California	

<b>Name:</b> Jared J. Drader	<hr/> <b>Signature</b>  <b>Date of Signature:</b> _____  <b>Citizenship:</b> <u>United States of America</u>
<b>Mailing Address:</b> 6809 Camino De Amigos Carlsbad, California 92009	
<b>City/State of Actual Residence:</b> Carlsbad, California	